

**GUIDANCE FOR
MISSION NEED STATEMENT
ON
AUTOMATED CONFIGURATION MANAGEMENT SYSTEM**

Defense Planning Guidance Element.

Identify the major program planning objective or section of the Defense Planning Guidance to which this need responds. Also reference DoD or Military Department long range investment plans, if applicable.

For MAIS Programs, the following additional information should be incorporated.

Describe how the mission need relates to the OSD Principal Staff Assistant's (PSA's) strategic planning.

Mission and Threat Analyses.

Identify and describe the mission need or deficiency. Define the need in terms of mission, objectives, and general capabilities. Do not discuss the need in terms of equipment or system-specific performance characteristics. Discuss the Defense Intelligence Agency (DIA)-validated threat to be countered as well as the projected threat environment and the shortfalls of existing capabilities or systems in meeting these threats. Comment on the timing of the need and the general priority of this need relative to others in this mission area.

For MAIS Programs, the following additional information should be incorporated.

Describe the functional area or activity the MNS supports, and the functional area or activity's current organization and operational environment, with emphasis on existing functional processes, including the concept of operation of the existing functional processes, procedures, and capabilities.

Nonmateriel Alternatives.

Discuss the results of the mission area analysis. Identify any changes in U.S. or Allied doctrine, operational concepts, tactics, organization, and training that were considered in the context of satisfying the deficiency. Describe why such changes were judged to be inadequate.

Potential Materiel Alternatives.

Identify known systems or programs addressing similar needs that are deployed or are in development or production by any of the Services or Allied nations. Discuss the potential for inter-Service or Allied cooperation. Indicate potential areas of study for concept exploration/definition including the use of existing U.S. or Allied military or commercial systems or product improvements of existing systems. Do not evaluate these alternatives.

Constraints.

Describe, as applicable, key boundary conditions related to infrastructure support that may impact on satisfying the need: logistics support; transportation; mapping, charting and geodesy support; manpower, personnel, and training constraints; command, control, communications, and intelligence interfaces; security; and standardization or interoperability within the North Atlantic Treaty Organization (NATO) or with other allies or DoD Components. Address the operational environments (including conventional; initial nuclear weapon effects; nuclear, biological, and chemical contamination (NBCC); electronic; and natural) in which the mission is expected to be accomplished. Define the level of desired mission capability in these environments.

For MAIS Programs, the following additional information should be incorporated.

Identify the classification level(s), and level of assurance required for the system; describe the anticipated system security, systems interface(s) and interoperability requirements, if known. Include information warfare in the discussion of operational environments in which the mission is expected to be accomplished.

Joint Potential Designator.

Indicate the Joint Potential Designator established through the validation process.

APPENDIX - Relationship to CONCEPT OF OPERATIONS

MISSION NEED STATEMENT	CONCEPT OF OPERATIONS
Defense Planning Guidance Element. Mission and Threat Analyses	Introduction, Organization, Mission and Threat of Obsolescence
	Technical Data Management Tools and Environment Definition , and Automated Configuration Management System Definition
	Vision of ACMS and environment in which ACMS will operate
Constraints.	Planning, Assumptions, Constraints, and Business Issues (Acquisition Reform)
	System Management
	Organization Roles and Responsibilities
	User Operations
	Life Cycle of weapon system and data
	Government Concept of Operation: Data Deliverables, Data Users, Data Use/Processing, Data User Infrastructure, Digital Data Types, Required Data Formats, Data Exchange Standards, Media Type
Nonmateriel Alternatives.	Nonmateriel Alternative (Privatization)

Potential Materiel Alternatives.	Materiel Alternatives
	Notional information architecture, logical, physical, conceptual - views or schemas. Automated Configuration Management System and the Acquisition Process
	Interaction with other efforts COE, DII, JCALS, JEDMICS, etc. etc.
Joint Potential Designator.	Joint Service Potential